

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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COUNTRY East Germany

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SUBJECT Measuring and Weighing Equipment

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The East German office of Weights and Measures (Deutsches Amt fuer Mass und Gewichte) (DAMG) in East Berlin tests and approves all types of measuring and weighing equipment. The following items have been considered by this office:

- a. Tachometers. Russian officers come weekly to the office in automobiles and bring tachometers from jet fighter planes to be tested. The devices are speed indicators, operated electrically, but no details of their manufacture and design are known because only one part, of a total of five, is brought at a time. It is believed that the Russians belong to a unit stationed in the Staaken-Doeberitz area, because one was overheard saying that it took him three or four hours to go by car from East Berlin via Potsdam, whereas he could make it in one hour if he were allowed to drive through West Berlin. The tachometers are of Russian design and production, but manufactured according to German methods.
- b. Oscillographs. Because of the very poor quality of the tubes essential to these devices, satisfactory production of oscillographs is extremely difficult.
- c. Portable galvanometer. Dr. Rump (fnu) has developed a portable galvanometer that registers up to  $10^{-6}$  amperes. The apparatus is about the size of a portable radio and is considered, for this reason, superior to the Swiss device upon which it was modeled.

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